

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/500,784
Source: P451p
Date Processed by STIC: 11/29/04

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 11/29/2004

PATENT APPLICATION: US/10/500,784

TIME: 10:20:38

Input Set : A:\Seq Listing 10500784.txt

Output Set: N:\CRF4\11292004\J500784.raw

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3 <110> APPLICANT: TANOX, INC.
5 <120> TITLE OF INVENTION: HUMAN MAST CELL-EXPRESSED MEMBRANE PROTEINS
7 <130> FILE REFERENCE: TNX02-01PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/500,784
C--> 9 <141> CURRENT FILING DATE: 2004-07-02
9 <150> PRIOR APPLICATION NUMBER: US60/345,909
10 <151> PRIOR FILING DATE: 2002-01-03
12 <160> NUMBER OF SEQ ID NOS: 12
14 <170> SOFTWARE: PatentIn version 3.2
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 1750
18 <212> TYPE: DNA
19 <213> ORGANISM: Homo sapiens
21 <400> SEQUENCE: 1
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24 gtcctgtctc caagcctggg tgctcttacg cgaaaagtgg ggacactgag gtgtcacagc      120
26 ttctcttttg aaatggagag gaggtaggag ggtgagggtcc atccaggtag acacagacac      180
28 acacagagac cacagcttcc tgtaacatatt ccgagtgtcg aattccatct cccgggtctag      240
30 aggtttttct tcttggtcct tctgagacc tcttggtcc caagagcctc ttgatcgggg      300
32 caggaatgag ggtgccccag ggtgcgagag tcgtggatcc ctgaaaagag gaggtgtgtc      360
34 cccctctttc tccccccac ctccagattt cctcatctgc ccacaccttc cgggtgggcgg      420
36 ggacgtgtat ggacaaatth gcgggctggg gaccatggaa gtggaggaaa tctacaagca      480
38 ccaggaagtc aagatgcaag caccagcctt cagggacaag aaacaggggg tctcagccaa      540
40 gaatcaagggt gcccatgacc cagactatga gaatatcacc ttggccttca aaaatcagga      600
42 ccatgcaaag ggtggctatt cagcaccac gagccaagtc ccagcccagt gcaggccgcc      660
44 ctgagactcc acccagggtcc cctgctgggt gtacagagcc atcctgagcc tgtacatcct      720
46 cctggccctg gcctttgtcc tctgcatcat cctgtcagcc ttcacatggt tgaagaatgc      780
48 tgagatgtcc aaggagctgc tgggctttaa aaggagctt tggaatgtct caaactccgt      840
50 acaagcatgc gaagagagac agaagagagg ctgggattcc gttcagcaga gcatcaccat      900
52 ggtcaggagc aagattgata gattagagac gacattagca ggcataaaaa acgttgacac      960
54 aaaggtagag aaaatcttgg aggtgctgca gaaaatgcc cagtcctcac ctcaataaat      1020
56 gagaggacat tgtggcagcc aaagccacaa cttggaagat ggggctgcac ctgccaacga      1080
58 agacgggaaa tgaccccccc cccagcctag tgtgaacctg cccctcgtcc cacgtataga      1140
60 aaaacctcga gtcattggtga atgagtgtct cggagttgct cgtgtgtgtg tacacctgcg      1200
62 tgcgtgtgtg tgcgtgtgtg cgcgtgtgtt cgtgtgtgtg cgtgtgtgtg tgcgcgtgtg      1260
64 tgtgcatttt gcaaaggggt gacatttcag tgtatctccc agaaagggtga tgaatgaata      1320
66 ggactgagag tcacagtga tgtggcatgc atgcctgtgt catgtgacat atgtgagtct      1380
68 cggcatgtca cgggtgggtgg ctgtgtctga gcacctccag cagatgtcac tctgagtgtg      1440
70 ggtgttggtg acatgcattg cacgggcctg tctccctgtt tgtgtaaaca tactagagta      1500
72 tactgcggcg tgttttctgt ctacccatgt catggtgggg gagatttatc tccgtacatg      1560
74 tgggtgtcgc catgtgtgcc ctgtcactat ctgtggctgg gtgaacggct gtgtcattat      1620
76 gagtgtgccg agttatgcc cctgtgtgc tcagggcaca tgcacacaga catttatctc      1680
78 tgcactcaca ttttgtgact tatgaagata aataaagtca agggaaaaaa aaaaaaaaaa      1740

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80 aaaaaaaaaa 1750
83 <210> SEQ ID NO: 2
84 <211> LENGTH: 187
85 <212> TYPE: PRT
86 <213> ORGANISM: Homo sapiens
88 <400> SEQUENCE: 2
90 Met Glu Val Glu Glu Ile Tyr Lys His Gln Glu Val Lys Met Gln Ala
91 1 5 10 15
94 Pro Ala Phe Arg Asp Lys Lys Gln Gly Val Ser Ala Lys Asn Gln Gly
95 20 25 30
98 Ala His Asp Pro Asp Tyr Glu Asn Ile Thr Leu Ala Phe Lys Asn Gln
99 35 40 45
102 Asp His Ala Lys Gly Gly His Ser Arg Pro Thr Ser Gln Val Pro Ala
103 50 55 60
106 Gln Cys Arg Pro Pro Ser Asp Ser Thr Gln Val Pro Cys Trp Leu Tyr
107 65 70 75 80
110 Arg Ala Ile Leu Ser Leu Tyr Ile Leu Leu Ala Leu Ala Phe Val Leu
111 85 90 95
114 Cys Ile Ile Leu Ser Ala Phe Ile Met Val Lys Asn Ala Glu Met Ser
115 100 105 110
118 Lys Glu Leu Leu Gly Phe Lys Arg Glu Leu Trp Asn Val Ser Asn Ser
119 115 120 125
122 Val Gln Ala Cys Glu Glu Arg Gln Lys Arg Gly Trp Asp Ser Val Gln
123 130 135 140
126 Gln Ser Ile Thr Met Val Arg Ser Lys Ile Asp Arg Leu Glu Thr Thr
127 145 150 155 160
130 Leu Ala Gly Ile Lys Asn Val Asp Thr Lys Val Gln Lys Ile Leu Glu
131 165 170 175
134 Val Leu Gln Lys Met Pro Gln Ser Ser Pro Gln
135 180 185
138 <210> SEQ ID NO: 3
139 <211> LENGTH: 19
140 <212> TYPE: DNA
141 <213> ORGANISM: ARTIFICIAL
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Human Oligonucleotide sequence primer
146 <400> SEQUENCE: 3
147 ctcccagaaa ggtgatgaa 19
150 <210> SEQ ID NO: 4
151 <211> LENGTH: 23
152 <212> TYPE: DNA
153 <213> ORGANISM: ARTIFICIAL
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Human Oligonucleotide sequence primer
158 <400> SEQUENCE: 4
159 tagacagaaa acacgccgca gta 23
162 <210> SEQ ID NO: 5
163 <211> LENGTH: 25
164 <212> TYPE: DNA

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165 <213> ORGANISM: ARTIFICIAL
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Human Oligonucleotide Sequence Primer
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174 <210> SEQ ID NO: 6
175 <211> LENGTH: 19
176 <212> TYPE: DNA
177 <213> ORGANISM: ARTIFICIAL
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Human Oligonucleotide sequence primer
182 <400> SEQUENCE: 6
183 gcaggtgcag ccccatctt 19
186 <210> SEQ ID NO: 7
187 <211> LENGTH: 53
188 <212> TYPE: DNA
189 <213> ORGANISM: ARTIFICIAL
191 <220> FEATURE:
192 <223> OTHER INFORMATION: Human Oligonucleotide sequence primers
194 <400> SEQUENCE: 7
195 caccatggac tacaaagacg atgacgacaa ggaagtggag gaaatctaca agc 53
198 <210> SEQ ID NO: 8
199 <211> LENGTH: 23
200 <212> TYPE: DNA
201 <213> ORGANISM: ARTIFICIAL
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Human Oligonucleotide sequence primers
206 <400> SEQUENCE: 8
207 ttgaggtgag gactgtggca ttt 23
210 <210> SEQ ID NO: 9
211 <211> LENGTH: 24
212 <212> TYPE: DNA
213 <213> ORGANISM: ARTIFICIAL
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Human Oligonucleotide sequence primer
218 <400> SEQUENCE: 9
219 aaggtgatga atgaatagga ctga 24
222 <210> SEQ ID NO: 10
223 <211> LENGTH: 21
224 <212> TYPE: DNA
225 <213> ORGANISM: ARTIFICIAL
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Human Oligonucleotide sequence primer
230 <400> SEQUENCE: 10
231 ccaccgtgac atgccgagac t 21
234 <210> SEQ ID NO: 11
235 <211> LENGTH: 53
236 <212> TYPE: DNA
237 <213> ORGANISM: ARTIFICIAL

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239 <220> FEATURE:
240 <223> OTHER INFORMATION: Human Oligonucleotide sequence primer
242 <400> SEQUENCE: 11
243 caccatggac tacaaagacg atgacgacaa ggaagtggag gaaatctaca agc 53
246 <210> SEQ ID NO: 12
247 <211> LENGTH: 23
248 <212> TYPE: DNA
249 <213> ORGANISM: ARTIFICIAL
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Human Oligonucleotide sequence primer
254 <400> SEQUENCE: 12
255 ttgaggtgag gactgtggca ttt 23

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/500,784

DATE: 11/29/2004
TIME: 10:20:39

Input Set : A:\Seq Listing 10500784.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,10,11,12

VERIFICATION SUMMARY

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Input Set : A:\Seq Listing 10500784.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date